THUNDER SERIES

SAFETY WARNINGS AND INSTRUCTION HANDBOOK

BERSA

READ CAREFULLY BEFORE USING THIS FIREARM

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SOME BASIC RULES OF FIREARM SAFETY

1. Treat every firearm as though it were loaded.
2. Be sure the barrel is clear of any obstruction.
3. Store firearms and ammunition separately, locked if possible, and out of reach of children and others unfamiliar with firearms.
4. Be sure of your backstop, target, what is beyond it and the safety of any bystander before shooting.
5. Always were adequate eye and ear protection when shooting.
6. Always use clean, dry, factory-manufactured ammunition with the proper size and caliber for your firearm.
7. Never lend your firearm to anyone unfamiliar with its operation or the basic rules of firearms safety. Make sure anyone using your firearm has read and understood this Instruction and Safety Manual.
8. Never point your firearm at anything you do not intend to shoot!
9. Never carry this firearm loaded without the safety lever ON!
10. The best safety device is your own common sense. Use it.

HOW TO USE YOUR FIREARM

Removing the magazine: Press the left button

Loading the magazine: Push down the feeder platform or the round with the rim already in the magazine, and carefully shove the new round under the magazine lips. To empty the magazine push each cartridge until they are no longer held by the magazine lips.

Chamber the first round: Insert the fully loaded magazine into the pistol. Hold the firearm with one hand, and with the other grab the ribbed end and pull the slide back, then release the slide. As the safety is on, the hammer is not cocked, and pulling the trigger will not cock the hammer.

Single action shooting: With the safety catch Off, cock the hammer by pulling it back with your thumb. Warning! The slightest pressure on the trigger will shoot the firearm

Double action shooting: With the safety catch Off, pull the trigger back. Each subsequent shot automatically cocks the hammer.

Safety On when hammer is cocked: Push the safety down with your thumb. The hammer drops down decocking the pistol.

BERSA warning: All owners and users of BERSA pistols are reminded to use the decocking lever to decock their pistols. This is the only way to safely lower the hammer.

Safety Key:
Your pistol is provided with an internal locking system operated by a special key. It is located above the trigger in the left side of the frame. In the unlocked position (F) the pistol is ready to fire. In the locked position (S) you can not cock the hammer, fire in double action, load a catridge in the chamber or disassemble the pistol. Please make sure that your pistol is in the lock position (S) when not in use. Always store and keep your pistol unloated and in a safe place away from minors. Replacement keys can be ordered by calling customer service at 1-732-493-0333.

Warning: The hammer should never be manually lowered by pulling the trigger. Manually lowering the hammer is dangerous and may cause serious injury or death.

Dismantling after firing: Hold the pistol with the shooting hand (Figure 1). With the other hand, grasp the grooved surface at the rear of the slide and pull it back. Press disassembly piece nr. 21 and the slide will go back again to a second stop (Figure 2). Then lift the slide and pull (Figure 3).

Care and cleaning: After dismantling, clean the barrel and chamber thoroughly with bore solvent to clean all exposed internal surfaces. Put special attention on the bolt face (where the firing pin protrudes) and under the extractor hook. Lubricate moving parts sparingly with a light high-quality firearm lubricant. Wipe off any excess oil.

Reassembly: Put the spring around the barrel. Hold the pistol with the shooting hand.

Keep the disassembly piece down (Figure 3), and release it.

Figure 1

Figure 2

Figure 3

THUNDER 380
THUNDER 32

TECHNICAL DATA

■ Model Thunder 380

Caliber:	.380 ACP
System of operation:	Semiautomatic
Length:	6.61 inches
Height:	4.92 inches
Width:	1.34 inches
Barrel length:	3.5 inches
Weight:	20 ounces
Rear sight:	Notched bar, dovetailed
Front sight:	Blade, integral with slide
Magazine capacity:	7 cartridges
Safety features:	Firing pin / magazine
Grip:	Polymer
Finish:	Blue/ Nickel/ Duotone

■ Model Thunder 32

Caliber:	.32 AUTO
Magazine capacity:	10 cartridges

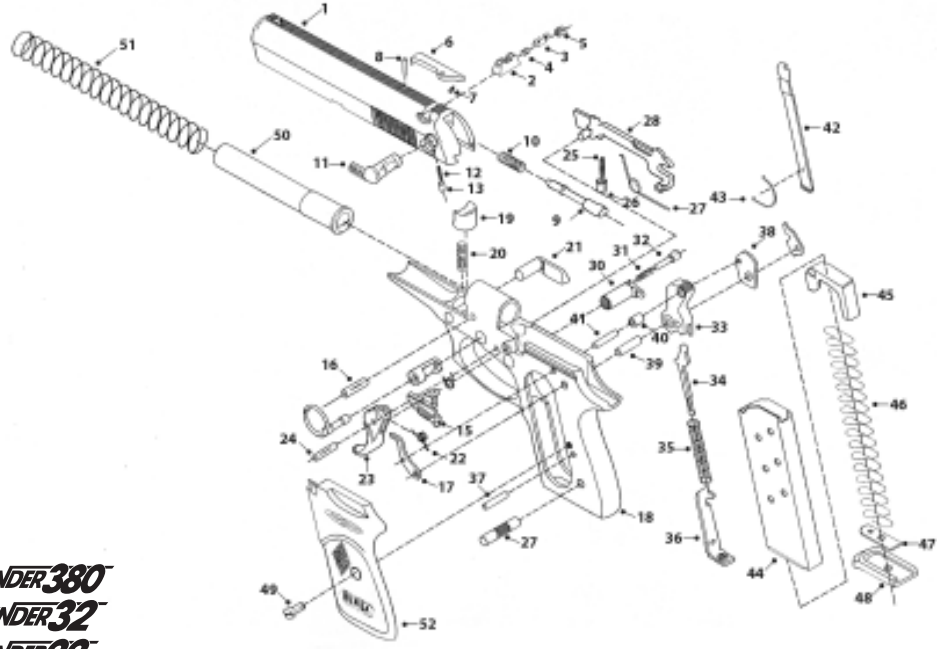
After firing the last cartridge, the slide remains open

TECHNICAL DATA

Model Thunder 22

Caliber:	.22 LR
System of operation:	Semiautomatic
Length:	6.61 inches
Height:	4.72 inches
Width:	1.30 inches
Barrel length:	3.5 inches
Weight:	18.87 ounces
Rear sight:	Notched bar, dovetailed
Front sight:	Blade, integral with slide
Magazine capacity:	10 cartridges
Safety features:	Firing pin / magazine
Grip:	Polymer
Finish:	Blue/ Nickel/ Duotone

After firing the last cartridge, the slide remains open



THUNDER380
THUNDER32
THUNDER22

SPARE PARTS:

■ Model Thunder 380, Thunder 32 and Thunder 22

1. Slide
2. Rear sight
3. Rear sight blade
4. Rear sight spring
5. Rear sight screw
6. Extractor
7. Extractor spring
8. Extractor pin
9. Firing pin
10. Firing pin spring
11. Safety
12. Safety spring
13. Safety stop
14. Slide catch spring
15. Slide catch
16. Barrel pin
17. Ejector
18. Frame
19. Slide stop
20. Slide stop spring
21. Disassembly bar
22. Trigger spring
23. Trigger
24. Trigger pin
25. Firing pin stop spring
26. Firing pin stop
27. Grip pin
28. Disconnector
29. Disconnector spring
30. Magazine catch
31. Magazine catch spring
32. Magazine catch pin
33. Hammer
34. Hammer spring guide
35. Hammer spring
36. Cocking piece
37. Cocking piece pin
38. Hammer release
39. Hammer pin
40. Hammer release bush
41. Hammer release pin
42. Magazine safety
43. Magazine safety spring
44. Magazine tube
45. Feeder platform
46. Feeder platform spring
47. Magazine bottom holder
48. Magazine bottom
49. Grip screw
60. Barrel

SAFETY WARNINGS

Ear and eye protection: Use ear plugs or earmuff-type protectors to guard you against cumulative, permanent hearing loss as a result of continuous exposure to shooting noise.
Shooting glasses will guard you against powder, gas, carbon residue, lubricant, metallic particles or similar debris that may emanate occasionally from any firearm in normal use
Always make sure that anyone near you is also wearing ear and eye protection.

Safety mechanism:

1. Your firearm has an effective, well-designed safety mechanism. However, there's no safety mecha nism capable of substituting your common sense and good safety procedures. No safety can guard you against horseplay, carelessness, or improper use. It may become ineffective by break age or malfunction due to abusive use, incorrect assembly, or unauthorized adjustments.
2. While handling any firearm, never allow it to point at any part of your body or at another person. No harm should result if you obey this rule, even if an accidental discharge occurs.
3. The safety mechanism should be on until you are actually aiming at the target ready to shoot
4. When turning the safety ON or OFF, point the muzzle in a safe direction and keep your finger off the trigger.
5. Be sure to put the safety in the correct position or it will not be effective. Some firearms have a red warning dot next to the safety which should be totally covered when the safety is on.
6. Do not carry the firearm loaded without the safety on (Double action revolvers and some double action pistols have an automatic internal safety mechanism instead of a manual one).

Loading:

1. Be sure the muzzle is pointing in a safe direction when loading the firearm
2. Do not load or unload a firearm in a confined space such as a vehicle or building other than a well-constructed shooting range. In an enclosed area there is not usually a safe direction in which to point the firearm, and if accidentally fired, there is a great risk of causing personal injury or property damage.
3. Clean all oil and grease from the chamber before loading, and be sure nothing is obstructing the barrel. Any obstruction in the barrel may cause the barrel to bulge or burst when firing it, or otherwise damage the firearm or injure the shooter and bystanders.

Firing:

1. When cocking a firearm, keep your finger off the trigger and point the muzzle in a safe direction.
2. Never carry a cocked firearm around or leave it unattended! A cocked firearm will fire with the slightest pressure on the trigger. If you fall or the firearm is dropped, or someone hits it, an acci dental firing may occur.
3. When firing a semi-automatic gun, keep your fingers, hand, face and all other parts of your body away from the ejection port, or any other part of the slide (or bolt) when it is moving. The shooter will not be injured if the firearm is held and fired at arm's length.
4. Be sure no one is standing where they may be struck by an empty cartridge case. Ejected cases are hot and may cause burns, cuts or eye injuries (if no eye protection is worn). Be sure there is

a clear, safe, unobstructed path for fire cases to be ejected. And also be sure they will not bounce off a hard object and hit someone.

5. If your firearm has a mechanical malfunction while shooting, or if powder or gas emanates from it, or if a cartridge case is bulged or ruptured, or if the sound of the fire is not quite right, DO NOT CONTINUE SHOOTING. STOP IMMEDIATELY AND UNLOAD THE FIREARM. Then take the firearm and ammunition to your gunsmith.
6. A loaded cartridge case that becomes jammed in a semiautomatic gun between the slide (or bolt) and the barrel may be removed as follows: Keep the muzzle pointed in a safe direction. First, remove the magazine, and then pull the slide or bolt back. Hold it or lock it to the rear. Remove the jammed case by shaking the firearm or pick it out with your fingers.

Unloading:

1. Be sure the muzzle is pointed in a safe direction.
2. After removing the magazine, be sure to clear the chamber
3. Do not assume a firearm is unloaded until you have visually checked it.

Transporting and storing your firearm:

1. Always keep your firearm unloaded when transporting it to and from shooting activities.
2. Store firearms and ammunition separately, preferably locked and secured. Keep firearms and ammunition out of reach of children, untrained individuals or careless, unauthorized adults.

Semi-automatic pistols:

1. Carrying a semi-automatic pistol with a cartridge in the chamber greatly increases the chances of accidental firing. Doing so may only be justified in cases of clear and present danger. For in stance, in cases of self-defense you may have to fire your pistol instantly, however this is not recommended. The safest way to carry a loaded pistol is to have the chamber empty.
2. If you MUST carry a semi-automatic pistol with a cartridge in the chamber, be sure the hammer is decocked. If your pistol has a hammer lowering lever, use this lever instead of the trigger to lower the hammer. And also, if your pistol has a manual safety, always leave it on when carrying the pistol with a cartridge in the chamber until the firearm is aimed at the target ready to shoot.

Ammunition:

1. Use high-quality, original, factory-manufactured ammunition in your firearm. Never use ammunition that is wet, dirty, corroded or damaged. Never oil or lubricate ammunition or let excess aerosol lubricants, preservatives, or cleaners come into contact with cartridges. This may cause dangerous malfunction problems. Be sure your ammunition has the proper caliber, which is engraved on the firearm. Do not use ammunition of any other caliber.
2. Reloading ammunition is a science. Improperly loaded ammunition may cause severe damage to your firearm and serious injuries to both the shooter and other individuals. Use ammunition approved by the U.S. Sporting Arms and Ammunition Manufacturers' Institute, Inc. (SAAMI).

All warranties are void if you use reloaded, “remanufactured”, handloaded, or other non standard ammunition.

3. Excessive pressure inside the chamber or the barrel may cause severe damage to the firearm and/or serious injury to the shooter. This may be caused by obstructions in the barrel, propellant powder overloads, or the use of incorrect, wrongly assembled, dirty, corroded or damaged cartridges.
4. Stop shooting IMMEDIATELY and check the barrel for obstructions if:
   -you have difficulties in chambering a cartridge or feel unusual resistance
   -a cartridge misfires
   -a fired cartridge case is not extracted
   -you see unburned grains of powder in the mechanism
   -a shot sounds abnormal or weak
   These obstructions may be caused by a bullet lodged way down the barrel. Do not fire another bullet in the obstructed barrel as this may damage the firearm and cause serious injury to both the shooter and bystanders.
5. Bullets lodged in the barrel may be caused by:
   -a cartridge loaded without propellant powder, or with powder failing to ignite (ignition of the cartridge primer without powder will push the bullet out of the cartridge case, but it is usually not enough to eject the bullet from the gun barrel)

-a bullet that is not sealed tightly in its cartridge case. If a cartridge with a loose bullet is removed from the chamber without being fired, the bullet may remain in the barrel. Putting another cartridge in the chamber may push the first bullet further into the barrel.

6. If you suspect the bullet is obstructing the barrel, unload the firearm immediately and look through the bore. Do not simply look inside the chamber as the bullet may be loaded further down the barrel where it cannot be seen easily. IF A BULLET IS OBSTRUCTING THE BAR REL, DO NOT TRY TO SHOOT IT OUT WITH ANOTHER CARTRIDGE, A BLANK CARTRIDGE, OR A CARTRIDGE WITH THE BULLET REMOVED. THIS MAY CAUSE EXCESSIVE PRESSURE AND CAUSE SERIOUS DAMAGE TO THE FIREARM AND INJURY TO THE SHOOTER OR OTHERS.
Dislodge the bullet by tapping it with a cleaning rod. Then clean any unburned powder grains in the chamber, mechanism and bore before firing again. If tapping with a cleaning rod does not dislodge the bullet, it will be necessary to have a gunsmith remove it.

7. Dirty, corroded, oily, damaged or deformed cartridges may not be chambered completely, and the cartridge case may burst when firing.

8. Wipe any oil preservative from the chamber before shooting and do not lubricate the car tridges. Lubricants interfere with the required friction between the cartridge case and the cham ber wall. This causes stress similar to excessive pressure.

9. Do not use too much lubricant on your gun's moving parts. Do not spray gun care aerosol

products where they may come into contact with ammunition. Do not overspray. Lubricants, especially aerosol sprays, may penetrate cartridge primers and cause the ammunition to misfire. Some lubricants may get inside cartridge cases and prevent powder from igniting. If only the primer ignites, the bullet may become lodged in the barrel.

Firearm care:

1. When your firearm is delivered it comes in a factory package and has a light coating of protective grease and oil. Clear all this grease and oil from the bore and exposed mechanism before loading.
2. Double-check your firearm is unloaded before disassembling it for cleaning.
3. After cleaning, make sure you have not left a cleaning patch or any other obstruction in the bore or chamber.

Parts:

BERSA's distributor has a complete supply of replacement parts. Even though most gunsmiths are highly qualified to make the necessary repairs to your firearm, the workmanship of any particular gunsmith, other than those in our Service Department, is totally beyond our control. Should your firearm ever require service, we strongly recommend that you return it to **BERSA**. Unauthorized adjustments or parts replacement can void your warranty.

It is the responsibility of the purchaser to be absolutely certain that any parts ordered from **BERSA** are of the correct type and are properly fitted and installed by a competent person. THE IMPROPER FITTING OF PARTS OR IMPROPER MECHANICAL ADJUSTMENT MAY RESULT IN A DANGEROUS MALFUNCTION, DAMAGE TO THE FIREARM, AND POSSIBLE SEVERE INJURY TO THE SHOOTER OR TO OTHERS. Therefore, the purchaser and/or installer of parts must accept full responsibility for the correct adjustment and function of the firearm after such installation has been made or attempted.

Service policy:
Your firearm has been carefully inspected and tested before being shipped to ensure it meets our specifications and standards. If your firearm needs adjustments, refinishing or repairs, we highly recommend that you obtain factory service from **BERSA**.
If you have any questions about your firearm's performance, write to our Service Department and accurately describe the situation. If the Service Department feels your firearm may need factory service, they will let you know and give you all the instructions for shipping the firearm adequately.
BERSA's distributor will inspect your firearm thoroughly and evaluate the problem or problems you mentioned in your letter. If the repairs needed are not covered by the warranty (copy enclosed), we will send you a quotation of the actual cost of the repairs, not an estimate. You must authorize all repairs. No repairs will be made without your express approval.

Returning firearms for service:

1. Federal Licensed dealers may ship handguns via U.S. Mail. The Post Office confiscates hand guns mailed by private individuals.
2. Under Federal Law, you may return rifles by U.S. Mail. Other firearms may be returned by common carriers such as United Parcel Services (UPS). State and local gun laws vary greatly. Consult your local prosecuting attorney about any laws in your area that may restrict shipping or receiving firearms. Taking all these facts into account, we strongly recommend that you send your firearm for repairs to our distributor through a Federal Licensed dealer.
3. All firearms must be sent out by prepaid shipment. WE DO NOT ACCEPT COLLECT SHIPMENTS.
4. The address to return your firearm for repairs is: BOLSA GUNSMITHING – 7404 Bolsa Av., Westminster, C.A. 92683 – Tel.: 714-894-9100 – WALKER ARMS COMPANY – 499 Dallas Road 820 Selma, Alabama 36701 – Tel.: 205-872-6231 / 205-875-8056 PARTS.
5. Together with the firearm, enclose a letter indicating the serial number, caliber and barrel length, and also the work that is needed or the problem you have experienced with the firearm. Be specific. Do not simply write the words “defective” or “repairs needed”. In addition, enclose copies of any previous letters dealing with the repairs. There will be a minimum service charge for repair works that is not covered by the warranty.
6. YOUR FIREARM MUST BE SHIPPED UNLOADED. Before shipping, double-check the

chamber to make sure it is unloaded. By law, **BERSA**'s distributor is required to notify Federal authorities if firearms are sent loaded.

7. When shipping firearms to us, do not include custom grips or stocks, belts, slings, holsters, telescopic sights, or any other accessory.

Liability:

REVOLVERS AND PISTOLS ARE CLASSIFIED AS FIREARMS OR DANGEROUS WEAPONS.

BERSA and its Distributors sell them pursuant to the specific understanding that they are not responsible, in any way whatsoever, for the safe handling or resale of the firearm under local laws and regulations.

BERSA and its Distributors do not assume responsibility for any firearm malfunction, physical injury, or property damage resulting in whole or in part from (1) intentional or negligent discharge, (2) improper or careless handling, (3) unauthorized modifications, (4) defective, improper, reloaded, or handloaded ammunition, (5) neglect, (6) corrosion, or (7) any other circumstances or effects beyond their direct and immediate control.

This limitation is applicable regardless of whether the liability is asserted on the basis of negligence, contract, or strict liability (including any failure to give a warning).

BERSA and its Distributors are not liable under any circumstances for any incidental or consequential damages such as commercial loss, loss for use of property, and/or loss of profits or earnings.

IMPORTANT: KEEP THIS MANUAL WITH YOUR FIREARM!
THE MANUAL MUST BE TRANSFERRED WITH CHANGE OF OWNERSHIP.

SERIAL NUMBER: .....
OWNER ..... PURCHASE DATE: .....
OWNER: ..... PURCHASE DATE: .....
OWNER: ..... PURCHASE DATE: .....

NOTE: THIS INFORMATION CAN BE OF GREAT VALUE TO YOU FOR INSURANCE PURPOSES. PLEASE, KEEP THIS MANUAL IN A SECURE PLACE.

WORLD CLASS QUALITY

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